ELSEVIER

Toxicology 130 (1998) 203–204

TOXICOLOGY

Contents of volume 130

Cellular and subcellular heterogeneity of glutathione metabolism and transport in rat kidney cells
Differences in glutathione uptake between proximal and distal tubular motochondria are characterized
L.H. Lash, T.M. Visarius, J.M. Sall, W. Qian, J.J. Tokarz (USA) 1–15

Delayed febrile effects of chlorpyrifos: is there cross-tolerance to bacterial lipopolysaccharide?
The febrile response produced by chlorpyrifos is different from the one produced by a bacterial toxin
C.J. Gordon, P.J. Rowsey (USA) 17–28

Evaluation of omeprazole genotoxicity in a battery of in vitro and in vivo assays
The possible genotoxicity remains an open question
A. Martelli, F. Mattioli, E. Mereto, G. Brambilla Campart, D. Sini, G. Bergamaschi, G. Brambilla (Italy) . 29–41

Altered cytokine (receptor) mRNA expression as a tool in immunotoxicology
R.J. Vandebriel, H. Van Loveren, C. Meredith (The Netherlands, UK) 43–67

Errata 69–71

Announcements 73–75

Methapyrilene hepatotoxicity is associated with oxidative stress, mitochondrial disfunction and is prevented by the Ca^{2+} channel blocker verapamil
The hepatotoxicity seems to be related to CYP 2 C11
G.S. Ratra, W.A. Morgan, J. Mullervy, C.J. Powell, M.C. Wright (UK) 79–93

Evaluation of sex difference in tissue repair following acute carbon tetrachloride toxicity in male and female Sprague–Dawley rats
Female rats are more sensitive to acute CCl_4 toxicity
A.P. Moghaddam, J.S. Eggers, E.J. Calabrese (USA) 95–105

Penetration of cisplatin into mouse brain by lipopolysaccharide
Lipopolysaccharide increases the penetration of cisplatin into the mouse brain
T. Minami, J. Okazaki, A. Kawabata, R. Kuroda, Y. Okazaki (Japan) 107–113

Selective induction of apoptosis in mouse and human lung epithelial cell lines by the *tert*-butyl hydroxylated metabolite of butylated hydroxytoluene: a proposed role in tumor promotion
A study involving 9 different cell lines
L.D. Dwyer-Nield, J.A. Thompson, G. Peljak, M.K.T. Squier, T.D. Barker, A. Parkinson, J.J. Cohen, D. Dinsdale, A.M. Malkinson (USA, UK) 115–127

In vitro genotoxic effects of the insecticide deltamethrin in human peripheral blood leukocytes: DNA damage ('comet' assay) in relation to the induction of sister-chromatid exchanges and micronuclei
Metabolic activation leads to a slight increase in DNA damage but not the other parameters
M. Villarini, M. Moretti, R. Pasquini, G. Scassellati-Sforzolini, C. Fatigoni, M. Marcarelli, S. Monarca, A.V. Rodríguez (Italy, Spain) 129–139

Effects of dichloroacetate on glycogen metabolism in B6C3F1 mice
DCA-induced glycogen accumulation in liver appears to be related to a decreased degradation rate
J. Kato-Weinstein, M.K. Lingohr, G.A. Orner, B.D. Thrall, R.J. Bull (USA) 141–154

Nicotine enantiomers and oxidative stress
The (-)-nicotine enantiomer displays the highest toxicity
D. Yildiz, N. Ercal, D.W. Armstrong (USA) 155–165

Effects of *N*-acetylcysteine and 2,3-dimercaptosuccinic acid on lead induced oxidative stress in rat lenses
Antioxidant supplementation may enhance the reductive status of the lens
R. Neal, K. Cooper, H. Gurer, N. Ercal (USA) 167–174
Comparative aluminium mobilizing actions of deferoxamine and four 3-hydroxypyrid-4-ones in aluminium-loaded rats
Deferoxamine is not the only but the best chelator for aluminium
M. Gómez, J.L. Esparza, J.L. Domingo, P.K. Singh, M.M. Jones (Spain, USA) 175–181
2-Nitropropane-induced lipid peroxidation: antitoxic effects of melatonin
It is speculated that melanotonin may protect against toxins that produce damage through free radicals
S. Joong Kim, R.J. Reiter, M.V. Rouvier Garay, W. Qi, G.H. El-Sokkary, D.-x. Tan (USA, South Korea) 183–190

Book review 191–192
Announcements 193–195
Author index of volume 130 197
Subject index of volume 130 199–201
Contents of volume 130 203–204